

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131666.D
 Acq On : 16 Dec 2022 14:52
 Operator : CG\JU
 Sample : N6038-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-37-(3-5)

Quant Time: Dec 16 16:58:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

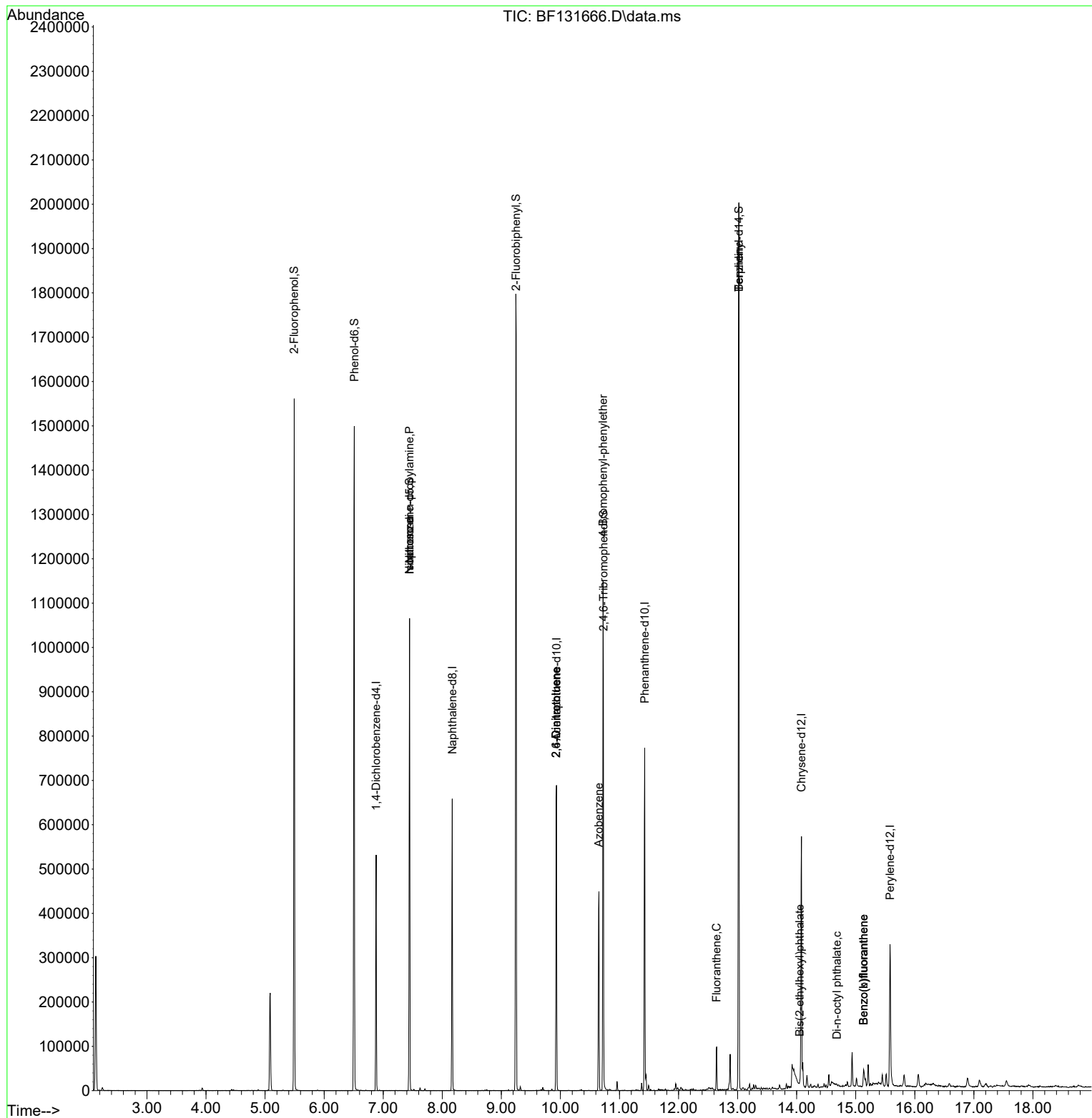
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	68768	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	242176	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	137374	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	263747	20.000	ng	0.00
76) Chrysene-d12	14.080	240	170381	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	152364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	353997	85.878	ng	0.00
7) Phenol-d6	6.510	99	468660	86.762	ng	0.00
23) Nitrobenzene-d5	7.445	82	321348	50.167	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	118992	77.963	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	572248	52.523	ng	0.00
79) Terphenyl-d14	13.022	244	662849	53.353	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	44028	10.870	ng	# 78
25) Isophorone	7.445	82	321344	31.144	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	17232	7.971	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	17232	6.009	ng	# 16
63) Azobenzene	10.651	77	83528	7.287	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	8034	2.368	ng	# 1
75) Fluoranthene	12.645	202	38554	2.547	ng	99
77) Benzidine	13.022	184	10748	2.354	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.051	149	1664	3.267	ng	# 92
85) Di-n-octyl phthalate	14.680	149	65	5.224	ng	# 1
88) Benzo(b)fluoranthene	15.133	252	31286	3.115	ng	# 96
89) Benzo(k)fluoranthene	15.133	252	31286	2.985	ng	# 96

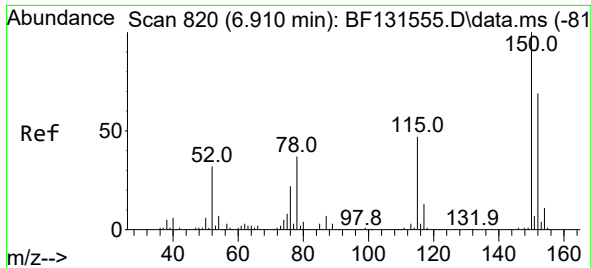
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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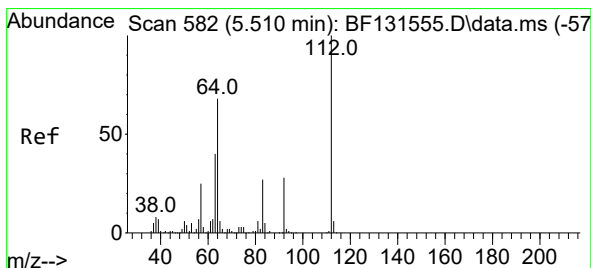
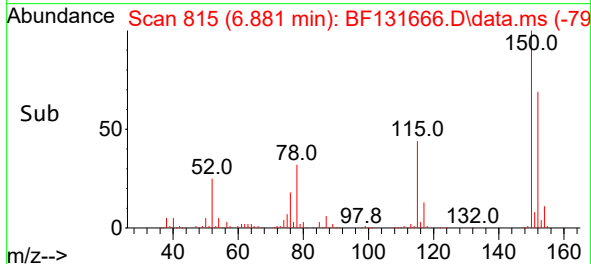
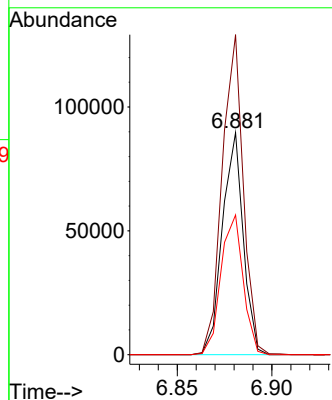
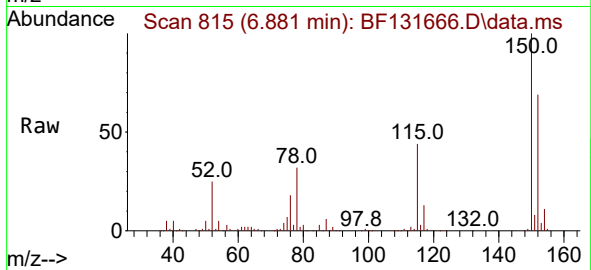




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

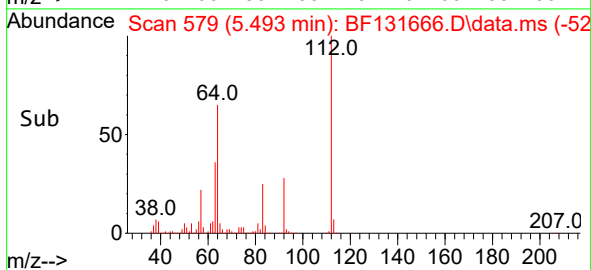
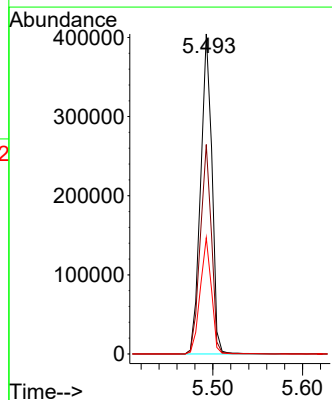
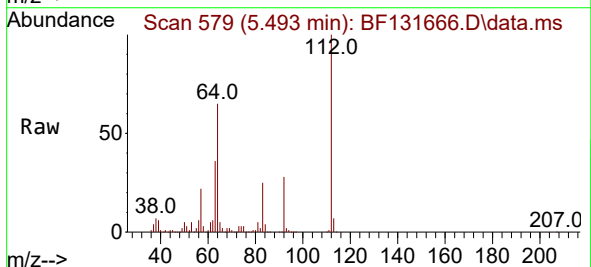
Instrument :
 BNA_F
 ClientSampleId :
 RB-37-(3-5)

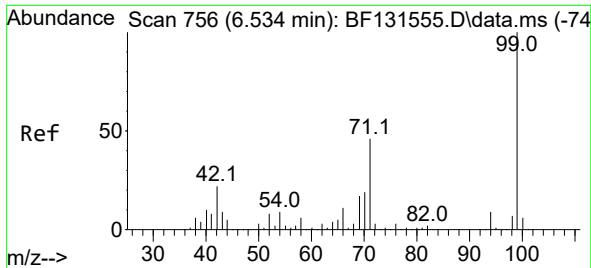
Tgt Ion:152 Resp: 68768
 Ion Ratio Lower Upper
 152 100
 150 144.0 116.7 175.1
 115 62.8 54.6 82.0



#5
 2-Fluorophenol
 Concen: 85.878 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

Tgt Ion:112 Resp: 353997
 Ion Ratio Lower Upper
 112 100
 64 65.5 54.5 81.7
 63 36.3 31.9 47.9

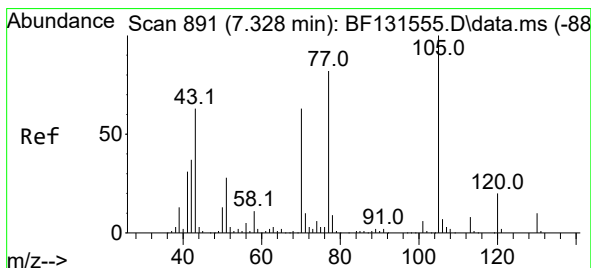
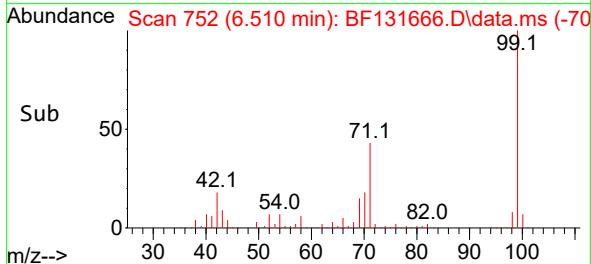
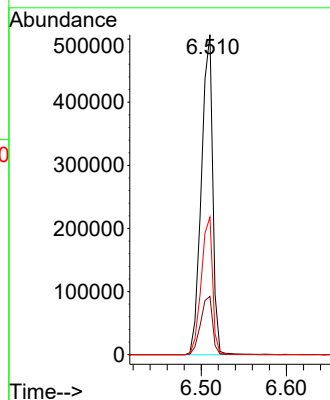
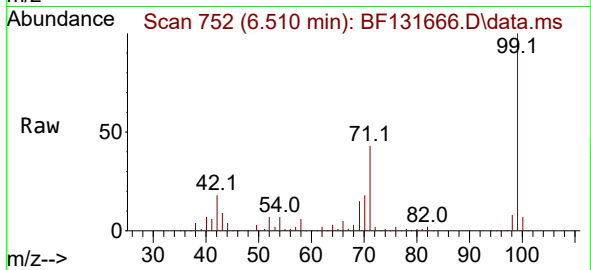




#7
Phenol-d6
Concen: 86.762 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

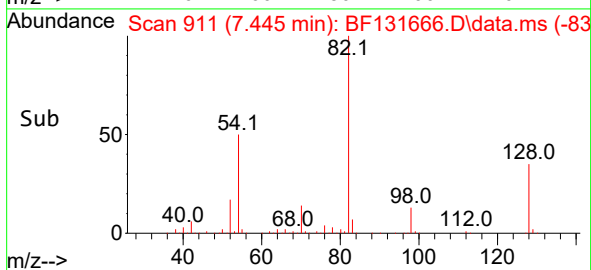
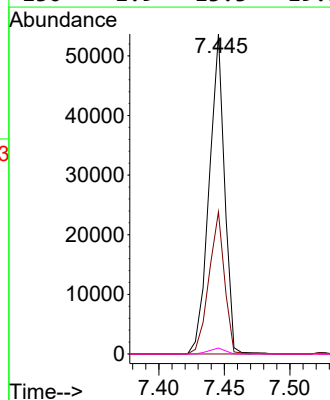
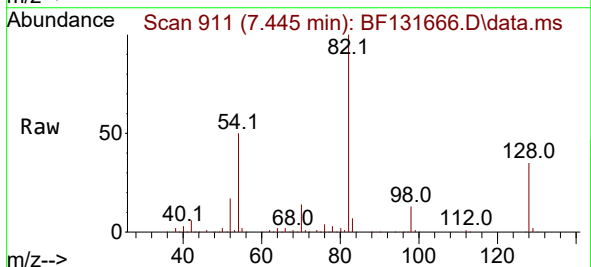
Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)

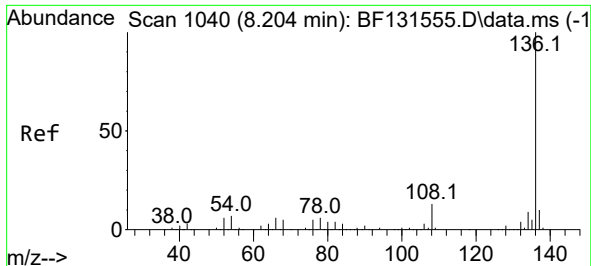
Tgt Ion: 99 Resp: 468660
Ion Ratio Lower Upper
99 100
42 18.2 17.9 26.9
71 43.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.870 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

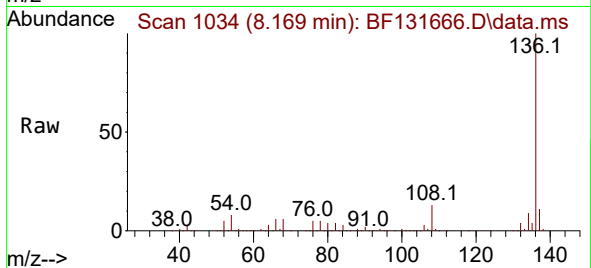
Tgt Ion: 70 Resp: 44028
Ion Ratio Lower Upper
70 100
42 44.4 46.4 69.6#
101 0.0 7.2 10.8#
130 1.9 13.3 19.9#



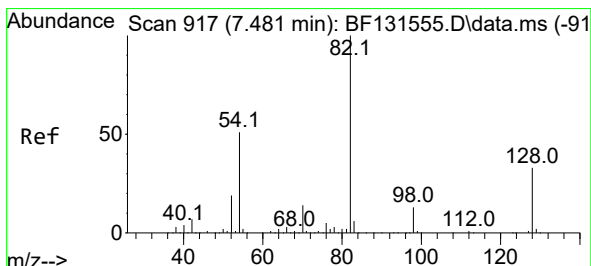
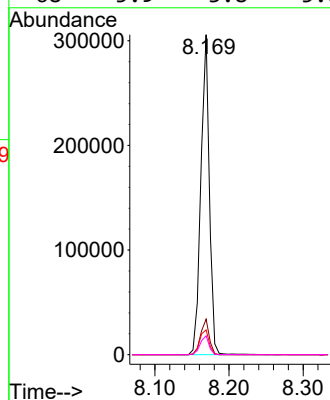
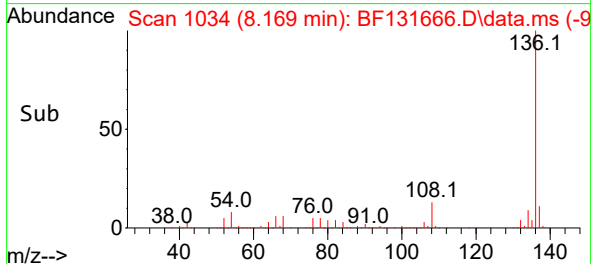


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

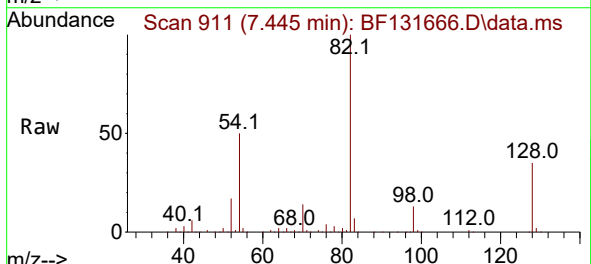
Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)



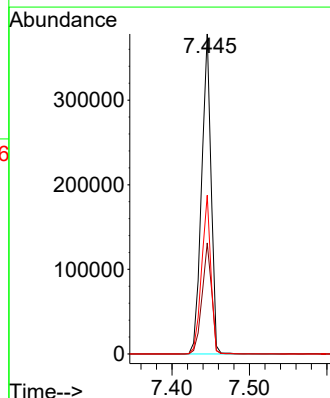
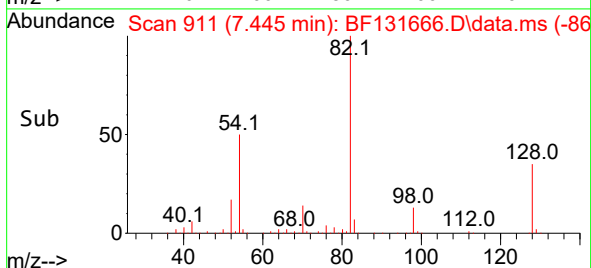
Tgt Ion:136 Resp: 242176
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.7 6.0 9.0
68 5.9 3.8 5.8#

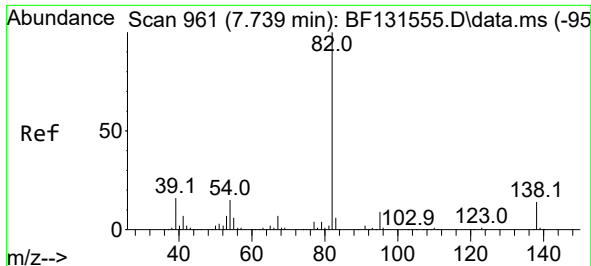


#23
Nitrobenzene-d5
Concen: 50.167 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52



Tgt Ion: 82 Resp: 321348
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 49.6 40.6 60.8

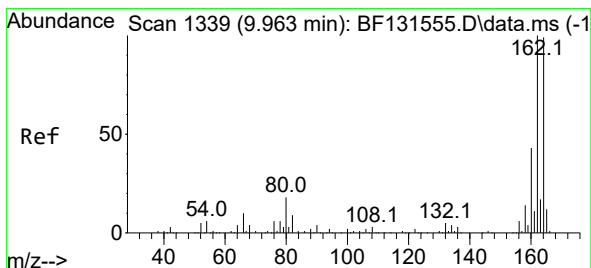
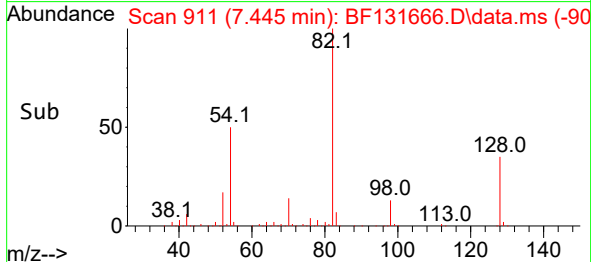
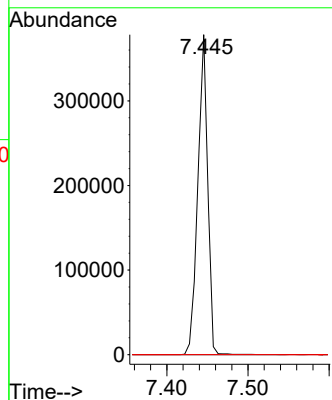
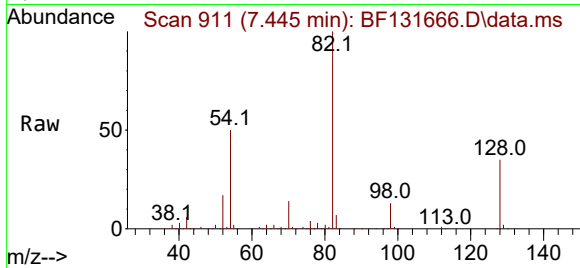




#25
Isophorone
Concen: 31.144 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

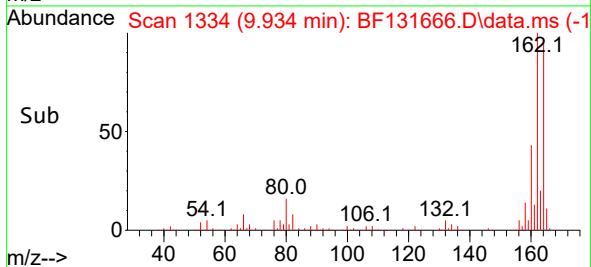
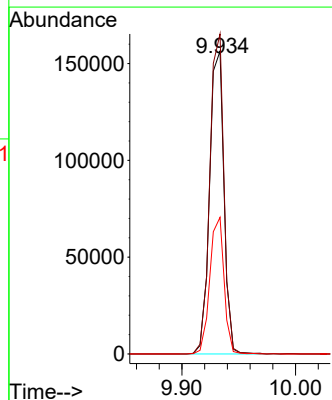
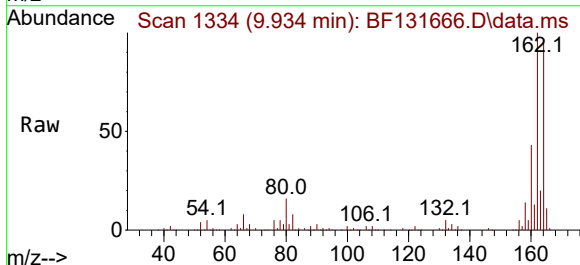
Instrument :
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ClientSampleId :
RB-37-(3-5)

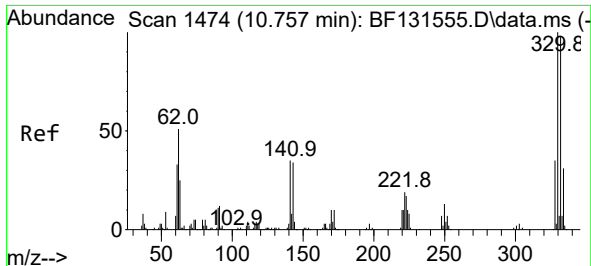
Tgt Ion: 82 Resp: 321344
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Tgt Ion:164 Resp: 137374
Ion Ratio Lower Upper
164 100
162 105.6 81.0 121.6
160 45.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 77.963 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131666.D

Acq: 16 Dec 2022 14:52

Instrument :

BNA_F

ClientSampleId :

RB-37-(3-5)

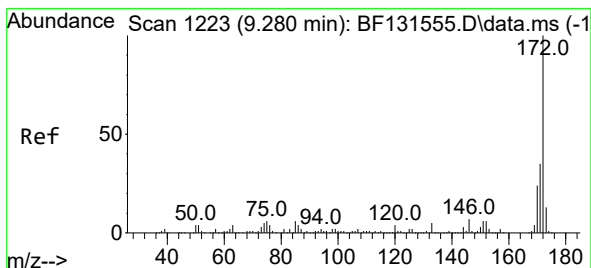
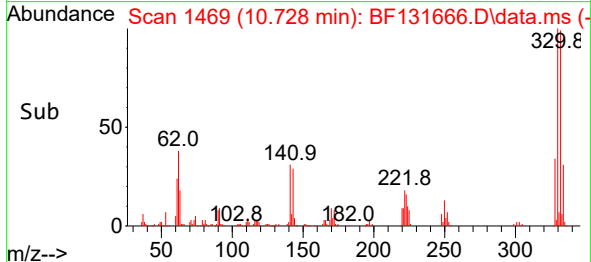
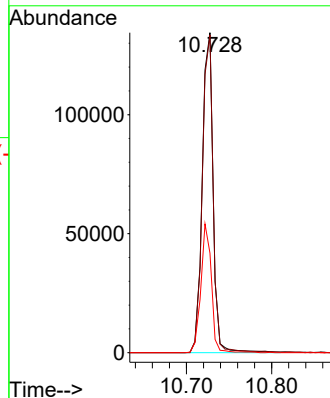
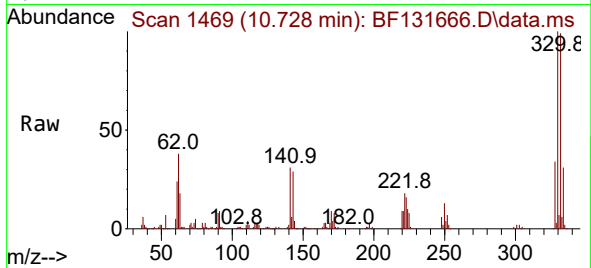
Tgt Ion:330 Resp: 118992

Ion Ratio Lower Upper

330 100

332 98.0 78.3 117.5

141 39.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 52.523 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131666.D

Acq: 16 Dec 2022 14:52

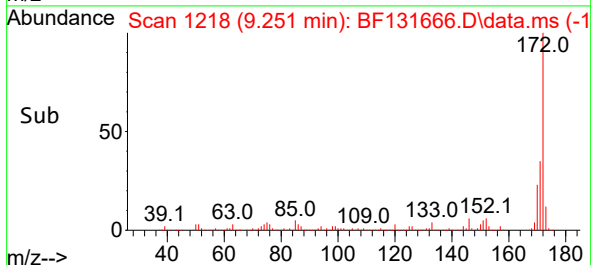
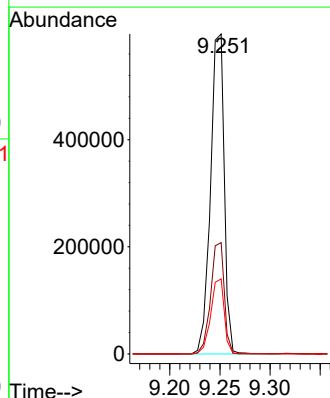
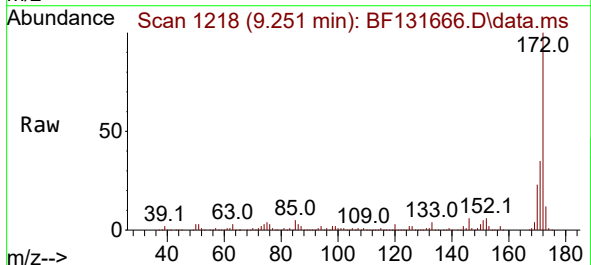
Tgt Ion:172 Resp: 572248

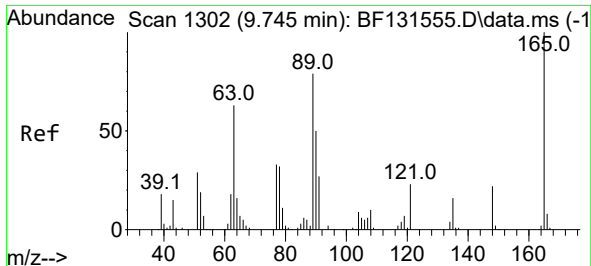
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.3 28.9

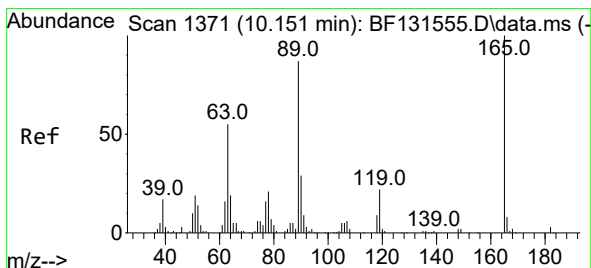
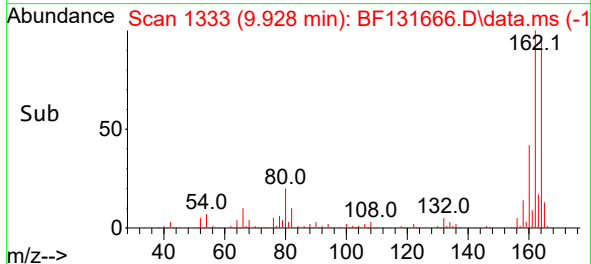
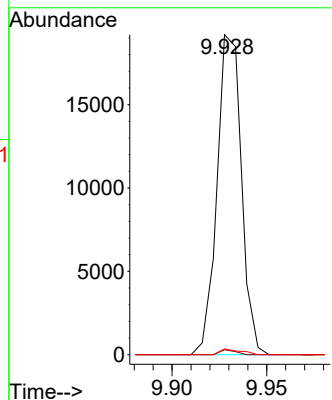
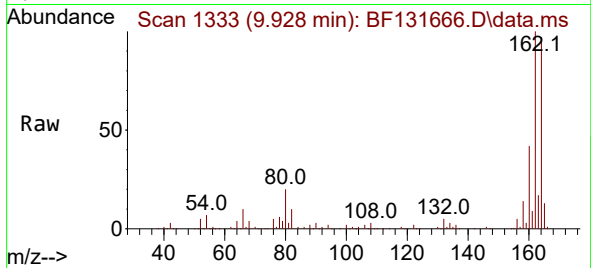




#51
2,6-Dinitrotoluene
Concen: 7.971 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

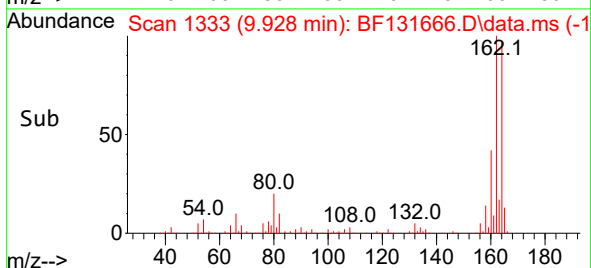
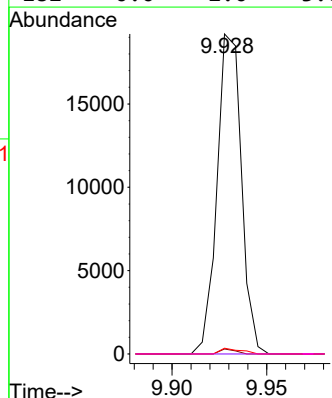
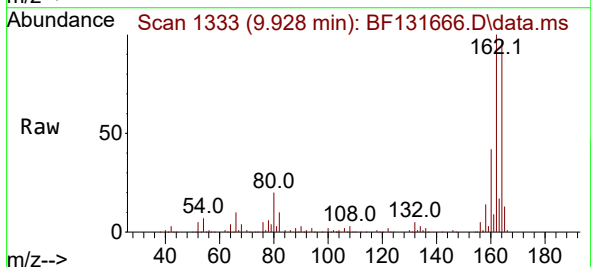
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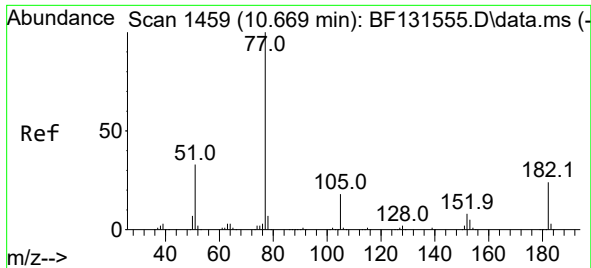
Tgt Ion:165 Resp: 17232
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.8 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Tgt Ion:165 Resp: 17232
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.8 69.6 104.4#
182 0.0 2.0 3.0#

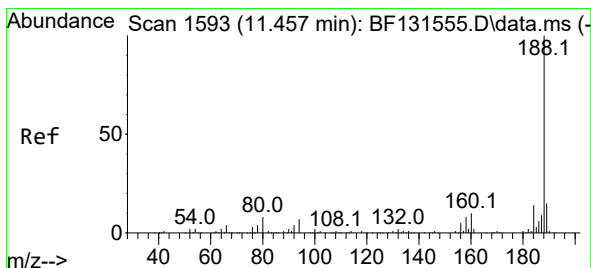
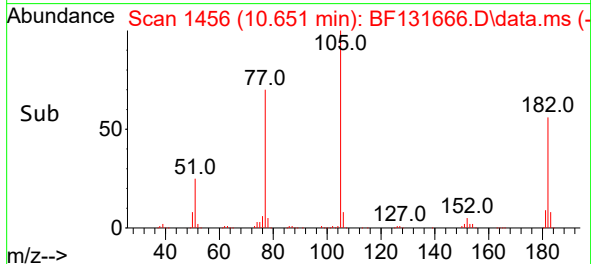
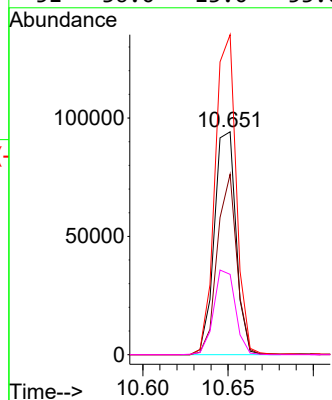
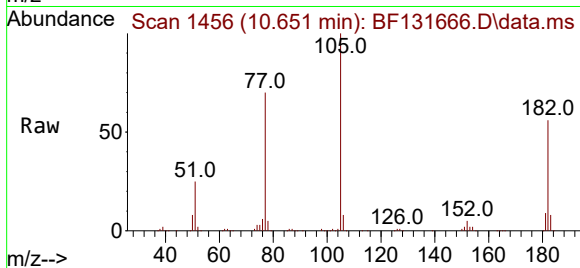




#63
 Azobenzene
 Concen: 7.287 ng
 RT: 10.651 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

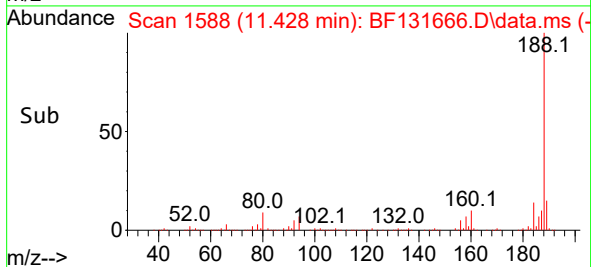
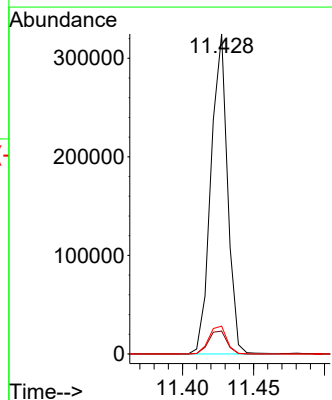
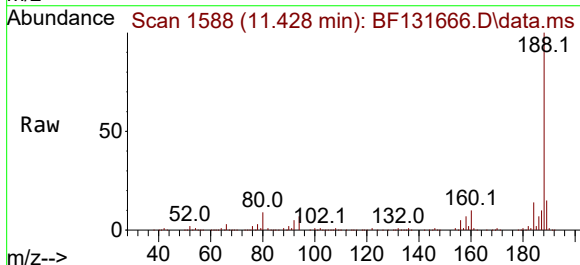
Instrument :
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 RB-37-(3-5)

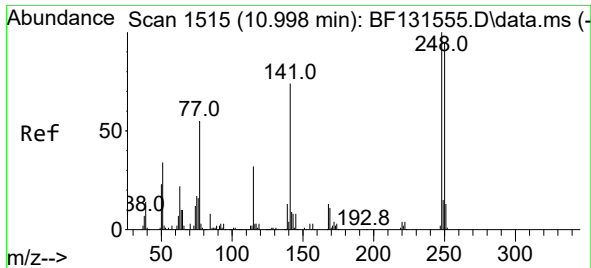
Tgt Ion: 77	Resp: 83528
Ion Ratio	Lower Upper
77 100	
182 81.0	3.9 43.9#
105 143.6	0.0 38.3#
51 36.0	13.0 53.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

Tgt Ion: 188	Resp: 263747
Ion Ratio	Lower Upper
188 100	
94 7.2	5.5 8.3
80 8.7	6.6 10.0

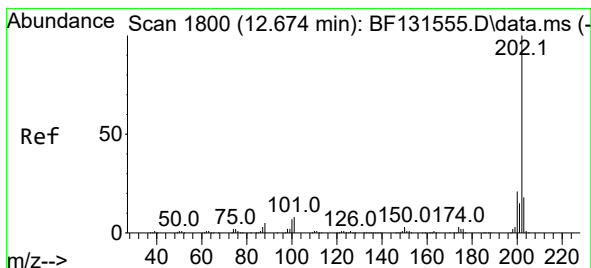
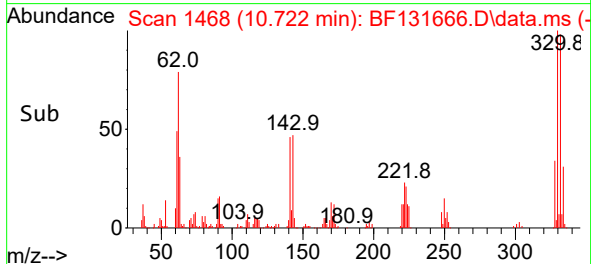
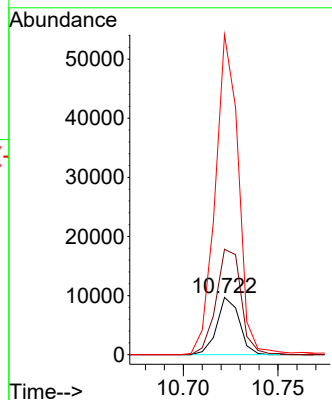
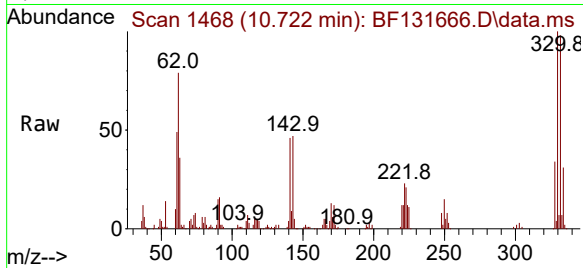




#67
4-Bromophenyl-phenylether
Concen: 2.368 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

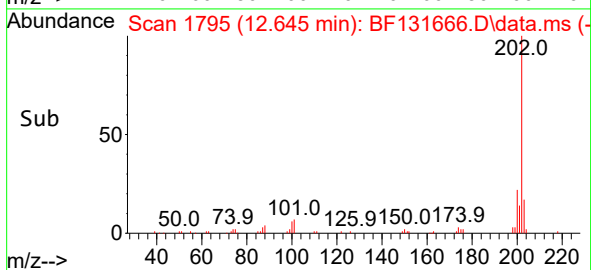
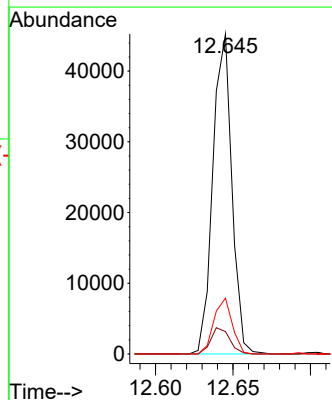
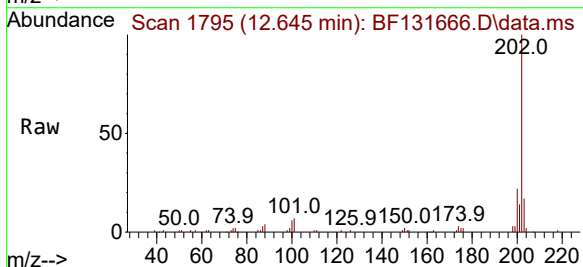
Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)

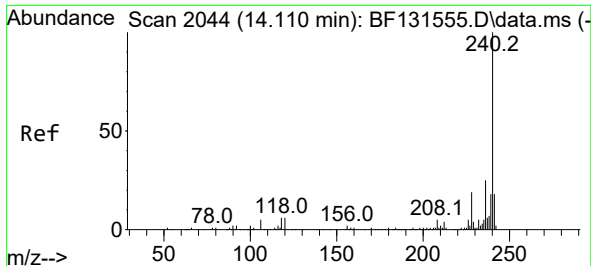
Tgt Ion:248 Resp: 8034
Ion Ratio Lower Upper
248 100
250 184.2 76.2 114.2#
141 559.1 59.5 89.3#



#75
Fluoranthene
Concen: 2.547 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Tgt Ion:202 Resp: 38554
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.7
203 17.5 0.0 37.7

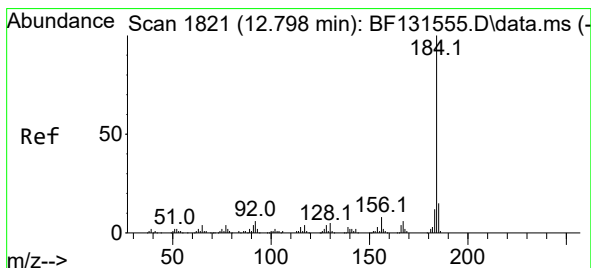
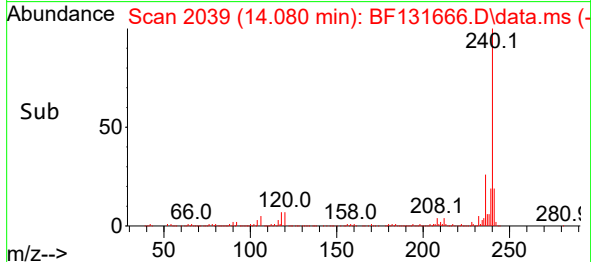
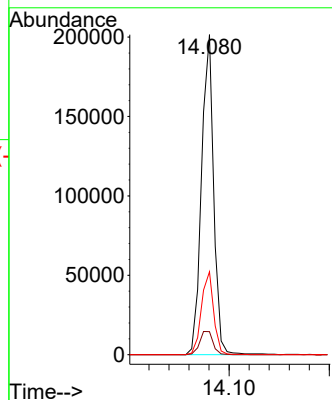
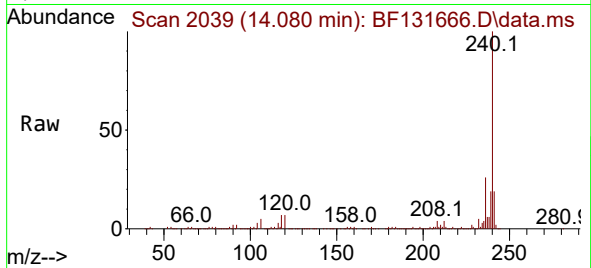




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

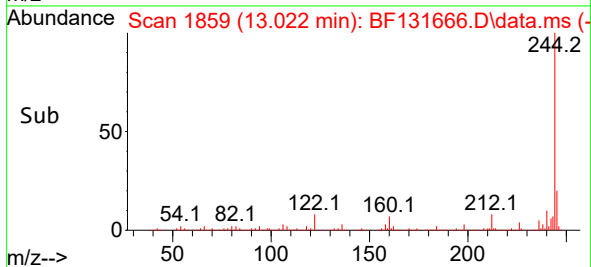
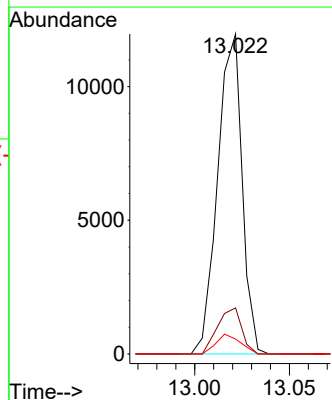
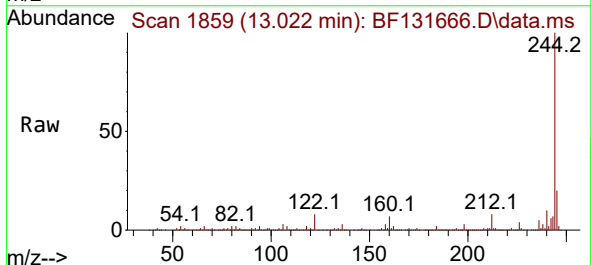
Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)

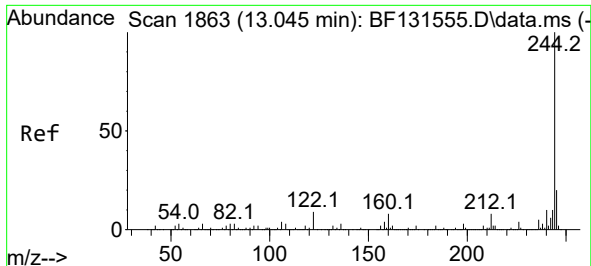
Tgt Ion:240 Resp: 170381
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 25.9 20.2 30.2



#77
Benzidine
Concen: 2.354 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Tgt Ion:184 Resp: 10748
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 4.7 9.3 13.9#

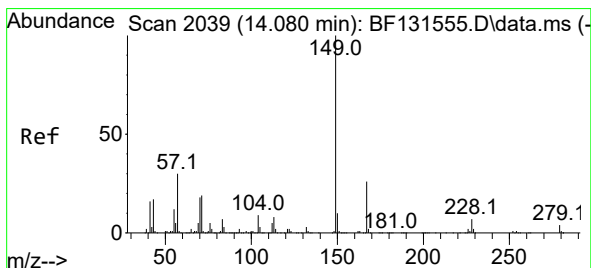
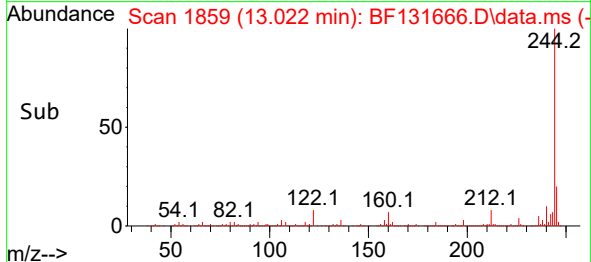
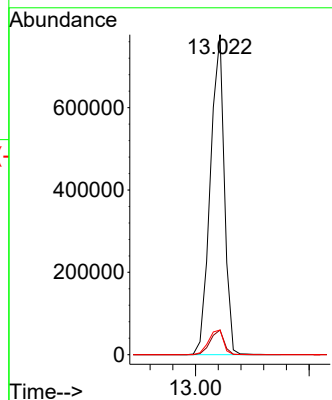
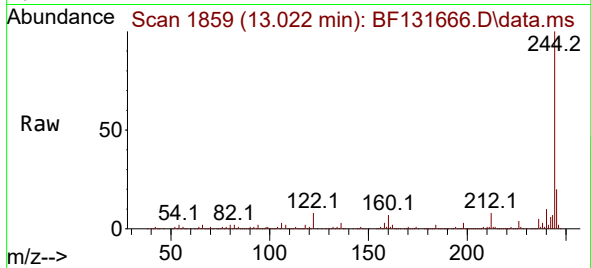




#79
 Terphenyl-d14
 Concen: 53.353 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

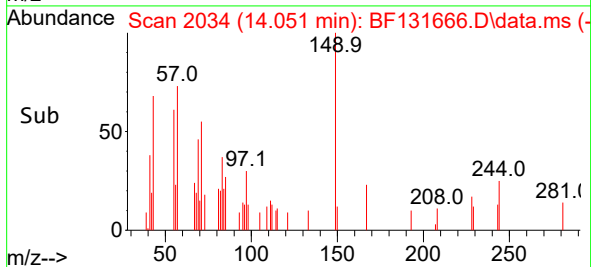
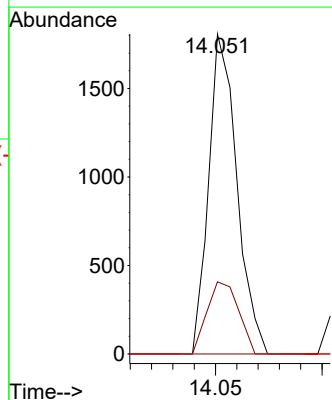
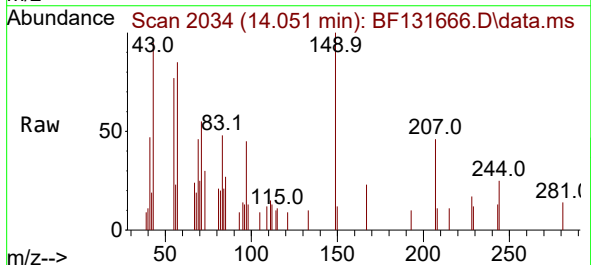
Instrument :
 BNA_F
 ClientSampleId :
 RB-37-(3-5)

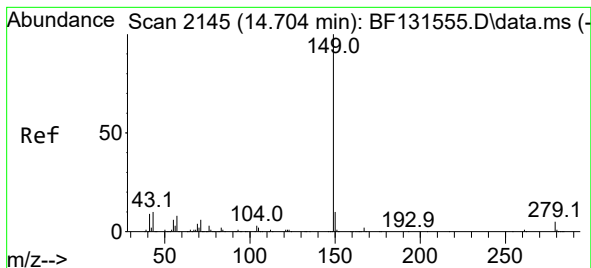
Tgt Ion:244 Resp: 662849
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.267 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

Tgt Ion:149 Resp: 1664
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.8 31.2
 279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.224 ng

RT: 14.680 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BF131666.D

Acq: 16 Dec 2022 14:52

Instrument :

BNA_F

ClientSampleId :

RB-37-(3-5)

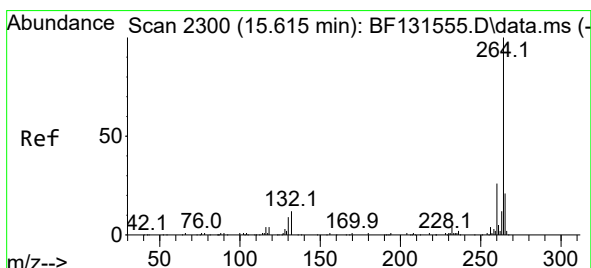
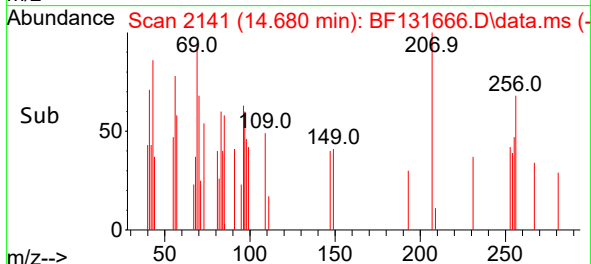
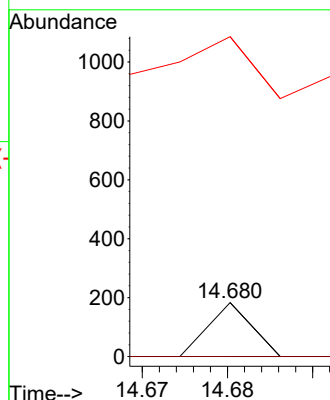
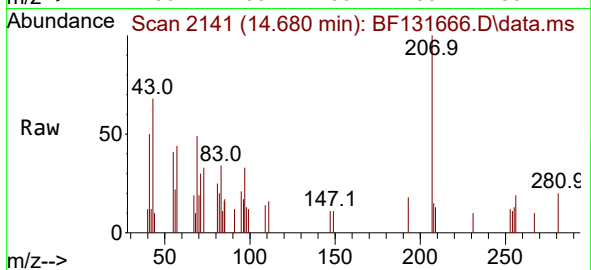
Tgt Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 758.5 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BF131666.D

Acq: 16 Dec 2022 14:52

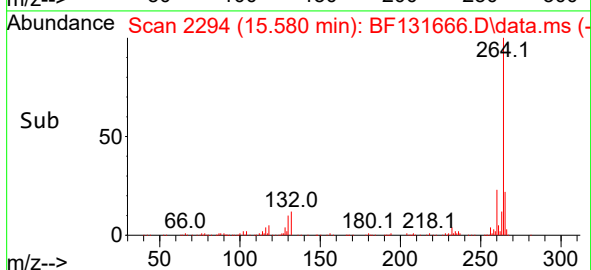
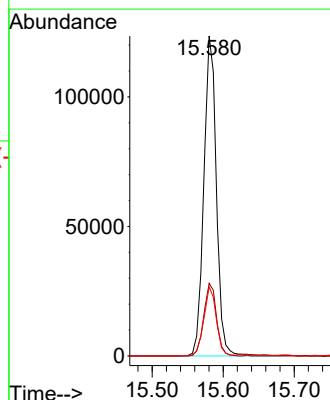
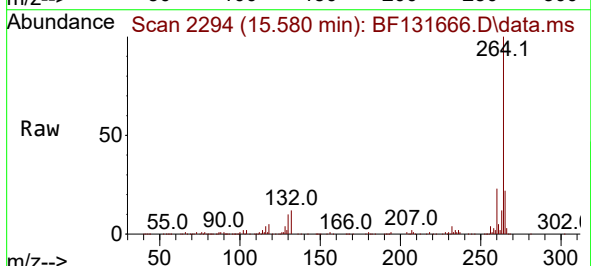
Tgt Ion:264 Resp: 152364

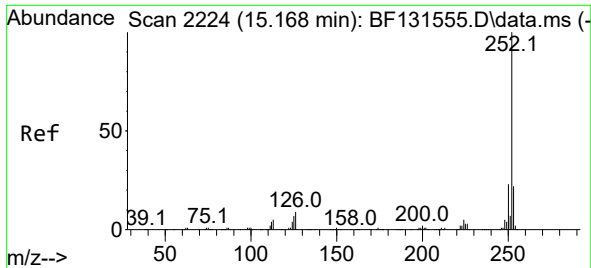
Ion Ratio Lower Upper

264 100

260 22.7 20.6 30.8

265 21.6 16.8 25.2

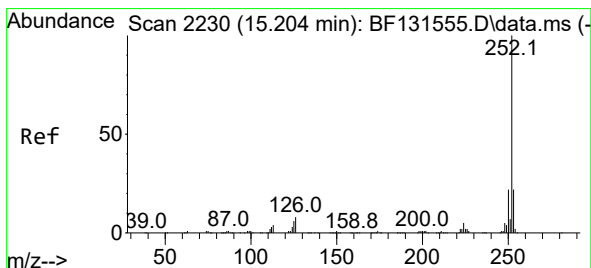
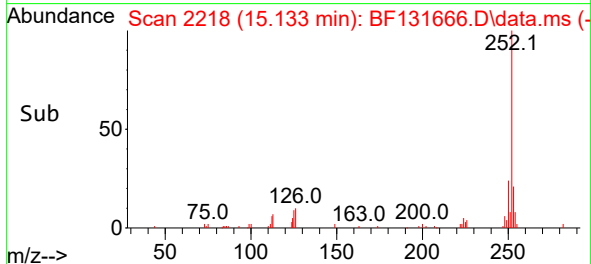
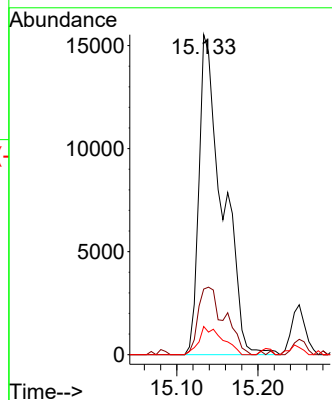
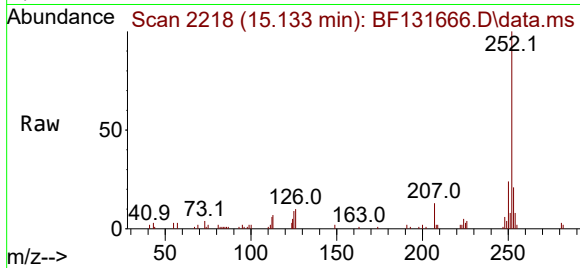




#88
Benzo(b)fluoranthene
Concen: 3.115 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)

Tgt Ion:252 Resp: 31286
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 8.8 5.6 8.4#



#89
Benzo(k)fluoranthene
Concen: 2.985 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

Tgt Ion:252 Resp: 31286
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 8.8 4.9 7.3#

